



Join us the second Thursday of every month for a series of "brown bag" seminars, sponsored by the National Renewable Energy Laboratory and the U.S. Department of Energy (DOE). Each seminar is held at NREL's Washington office with a videoconference link to Golden, Colorado. Topics focus on new and innovative renewable energy and energy analysis strategies, models, and technologies.



SEAC

Strategic Energy
Analysis Center

The AST Model: How It Can Make Colorado More Sustainable

An analytical seminar presented by DOE/EERE's Office of Planning, Budget, and Analysis and NREL's Strategic Energy Analysis Center

Ravi Malhotra and Paul Adretti

International Center for Appropriate and Sustainable Technology (iCAST)

Thursday, December 14, 2006

Noon – 1 p.m. (in Washington, D.C. - bring your lunch)

10 – 11 a.m. (videoconference in Golden, Colo.)

When it comes to sustainability, the best solutions to achieving that goal can start in your own backyard. One group working toward that goal is the International Center for Appropriate and Sustainable Technology (iCAST), which focuses on rural communities in Colorado and throughout the Rocky Mountain region. All of iCAST's projects are based on the design and application of appropriate and sustainable technologies (AST) – that is, technologies that use local resources to meet local needs over time. The AST model can be applied to communities throughout the United States and globally.

iCAST's unique model is based on three primary elements:

1. Providing community-based learning opportunities to university students that will help them improve their professional skills while gaining practical experience in the application of sustainable development and social responsibility
2. Helping local communities build capacity in analyzing issues, identifying potential sustainable solutions, determining the feasibility of these solutions using objective metrics, and attracting the resources necessary for implementing solutions
3. Supporting the development and implementation of projects based on sound technological and economic planning that result in the creation of new businesses and the improvement of local infrastructure

This presentation, given by Ravi Malhotra and Paul Adretti of iCAST, will introduce the AST model and focus on its application of new energy technologies in meeting the needs of underserved communities.

Ravi Malhotra, founder and executive director of iCAST, will be the primary presenter. Malhotra has an M.S. in engineering and an M.B.A from the University of Texas in Austin. He has worked on appropriate technologies and business development in India and the United States.

Paul Adretti, iCAST's director of outreach and community programs, also will participate. Adretti has designed and managed energy efficiency, renewable energy, and sustainable development projects for local communities, government agencies, and multinational corporations.

Golden, Colo., information

1617 Cole Blvd., Golden, Colorado
Building 15, Conference Room 375

Please contact Lynne Fenn at lynne_fenn@nrel.gov or 303-384-7439

Washington, D.C., information

901 D Street SW (also the Aerospace Building, 370 L'Enfant Promenade), adjacent to the Forrestal Building

Please contact Wanda Addison, of Midwest Research Institute (MRI), at wanda_addison@nrel.gov or 202-646-5278

If you are interested in participating in the seminar via conference call, please contact Wanda Addison, of MRI, at wanda_addison@nrel.gov or 202-646-5278 for instructions. If you would like to participate via Internet Conferencing, then please contact Lynne Fenn at lynne_fenn@nrel.gov or 303-384-7439 for instructions.

For more information on NREL analysis, please visit the Web site at
<http://www.nrel.gov/analysis>